

FIG. 1

Typical ON - OFF cycle of air conditioner controlled by a thermostat in
Current state-of-the-art

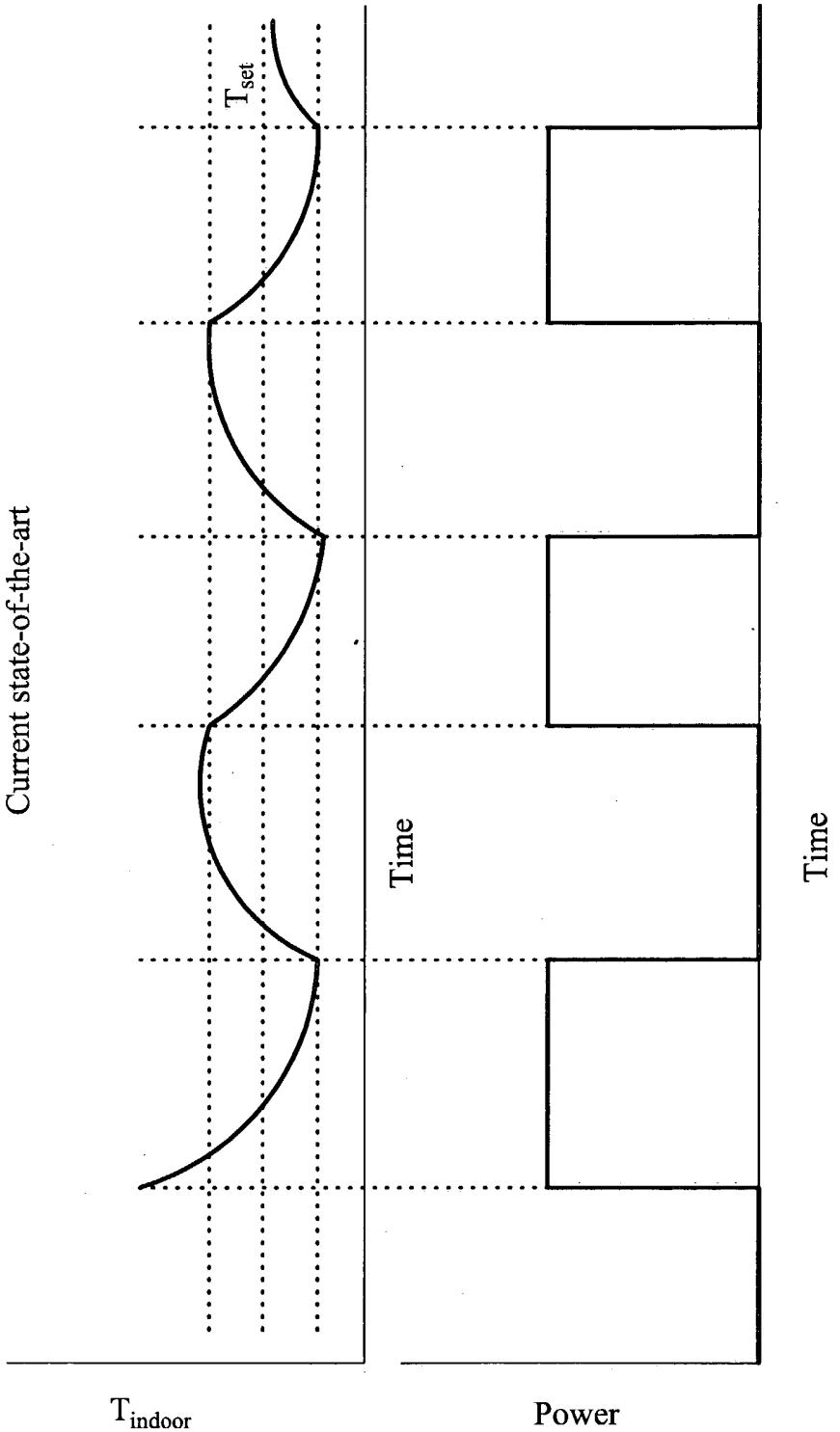


FIG. 2
(Prior Art)

FIG. 3A

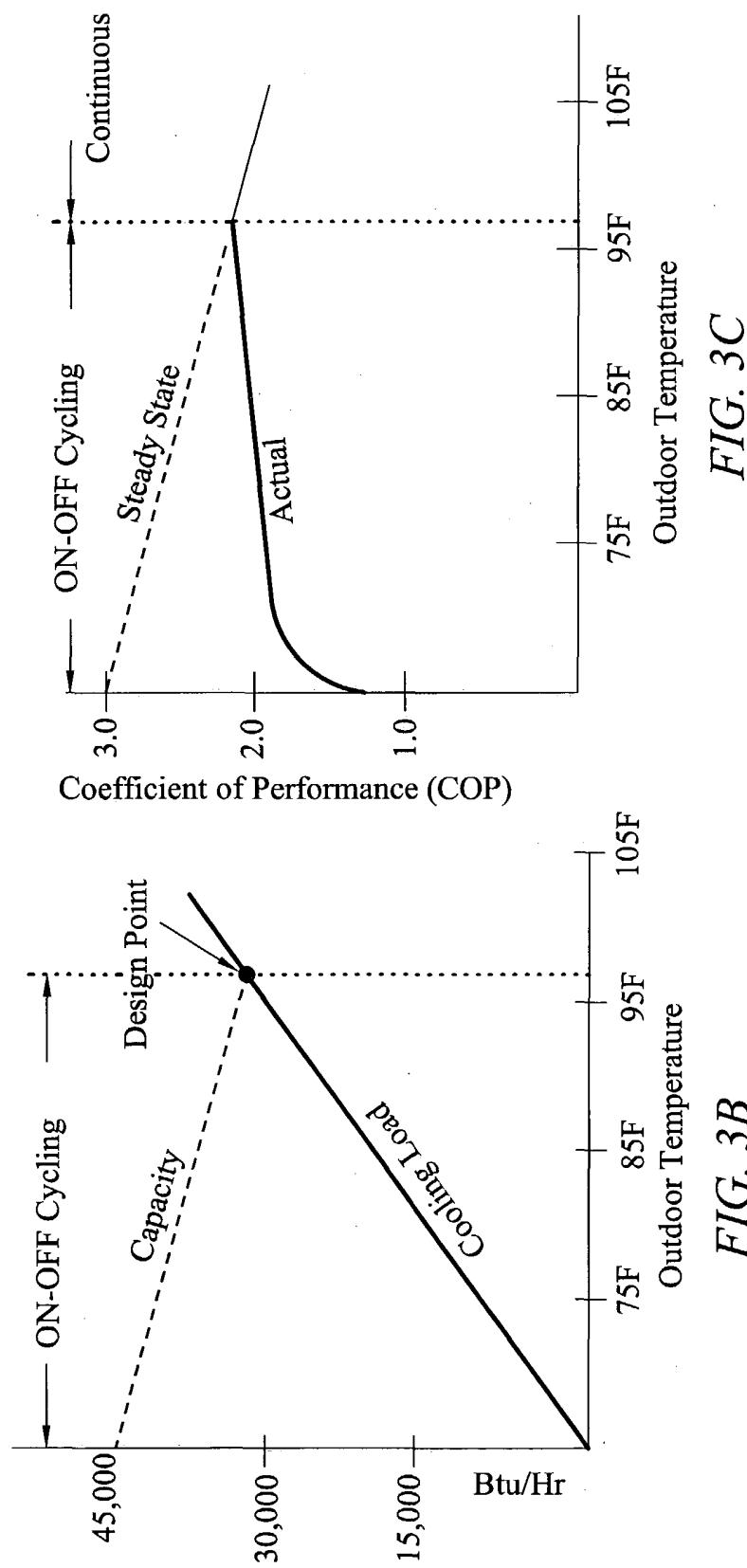
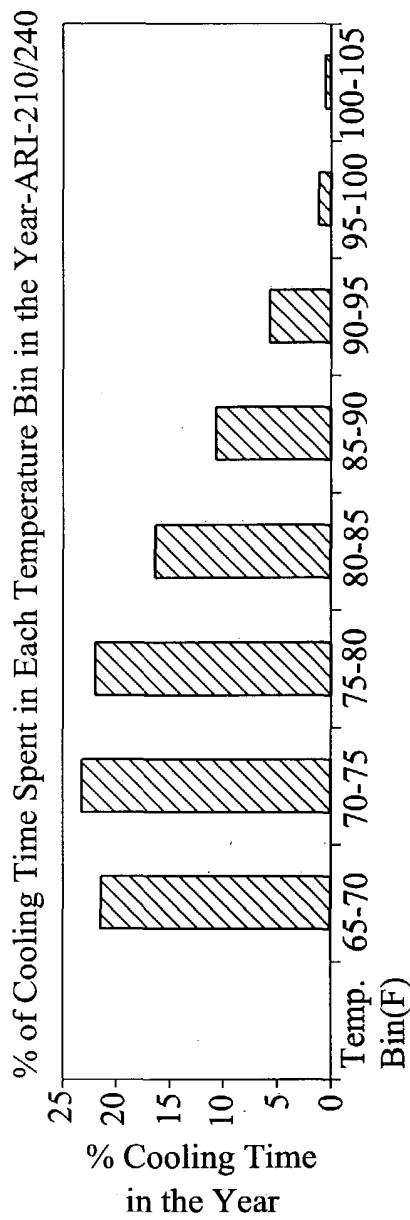


FIG. 3C

FIG. 3B

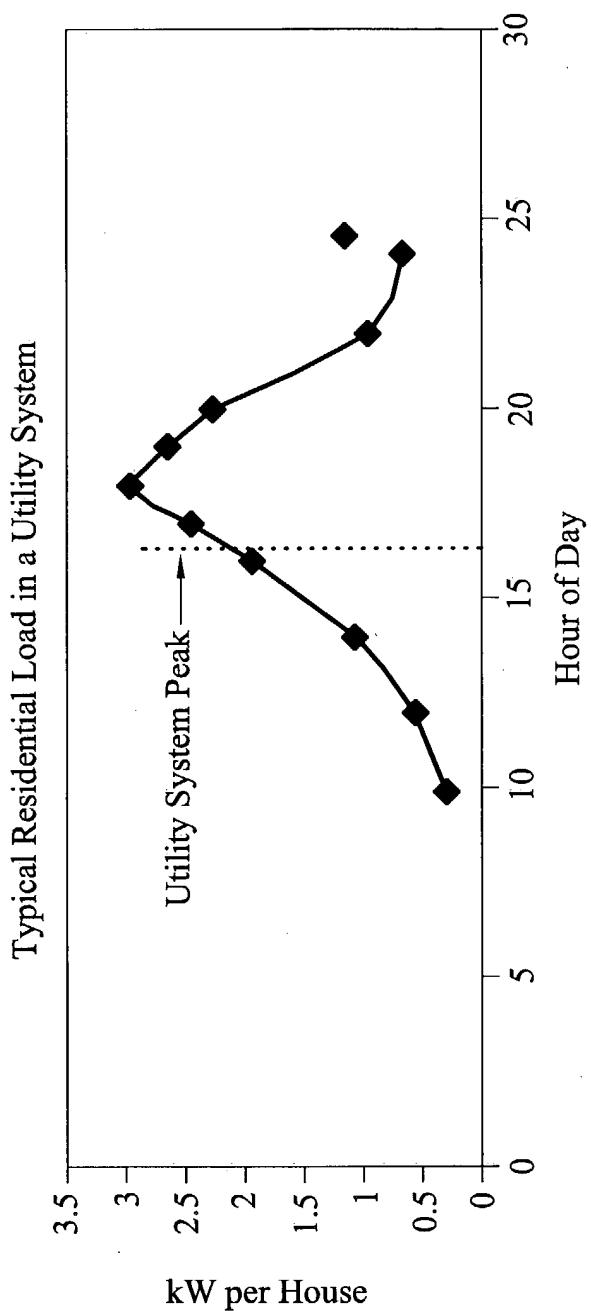


FIG. 4

T_{outside}	Indoor temperature			Time A/C was ON, t_{ON}	Rate of Cooling Delta T/t ON			
	At start of cooling	At end of cooling	Delta T			Level 1	Level 2	Level 3

FIG. 5A

T_{outside}	Indoor temperature			Time A/C was OFF, t_{OFF}	Rate of Warming Delta T/t OFF			
	At start of warming	At end of warming	Delta T			Level 1	Level 2	Level 3

FIG. 5B

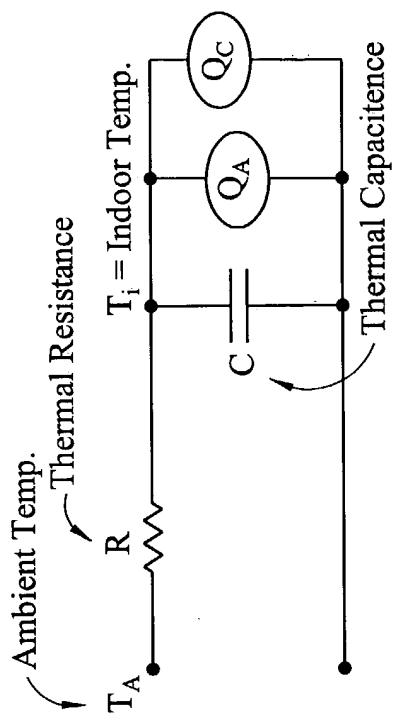


FIG. 6B

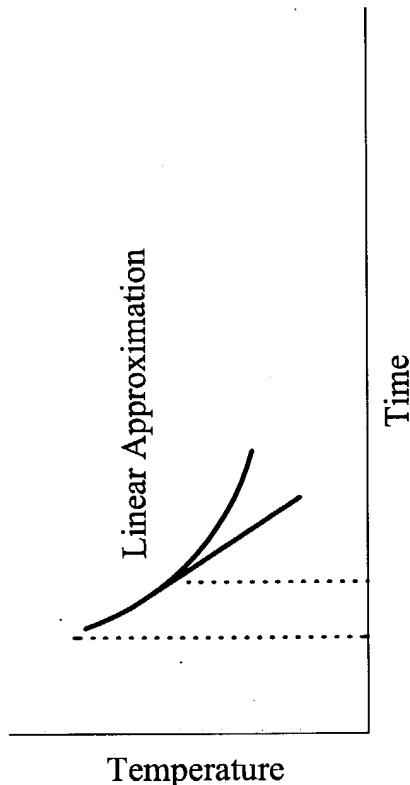


FIG. 6A

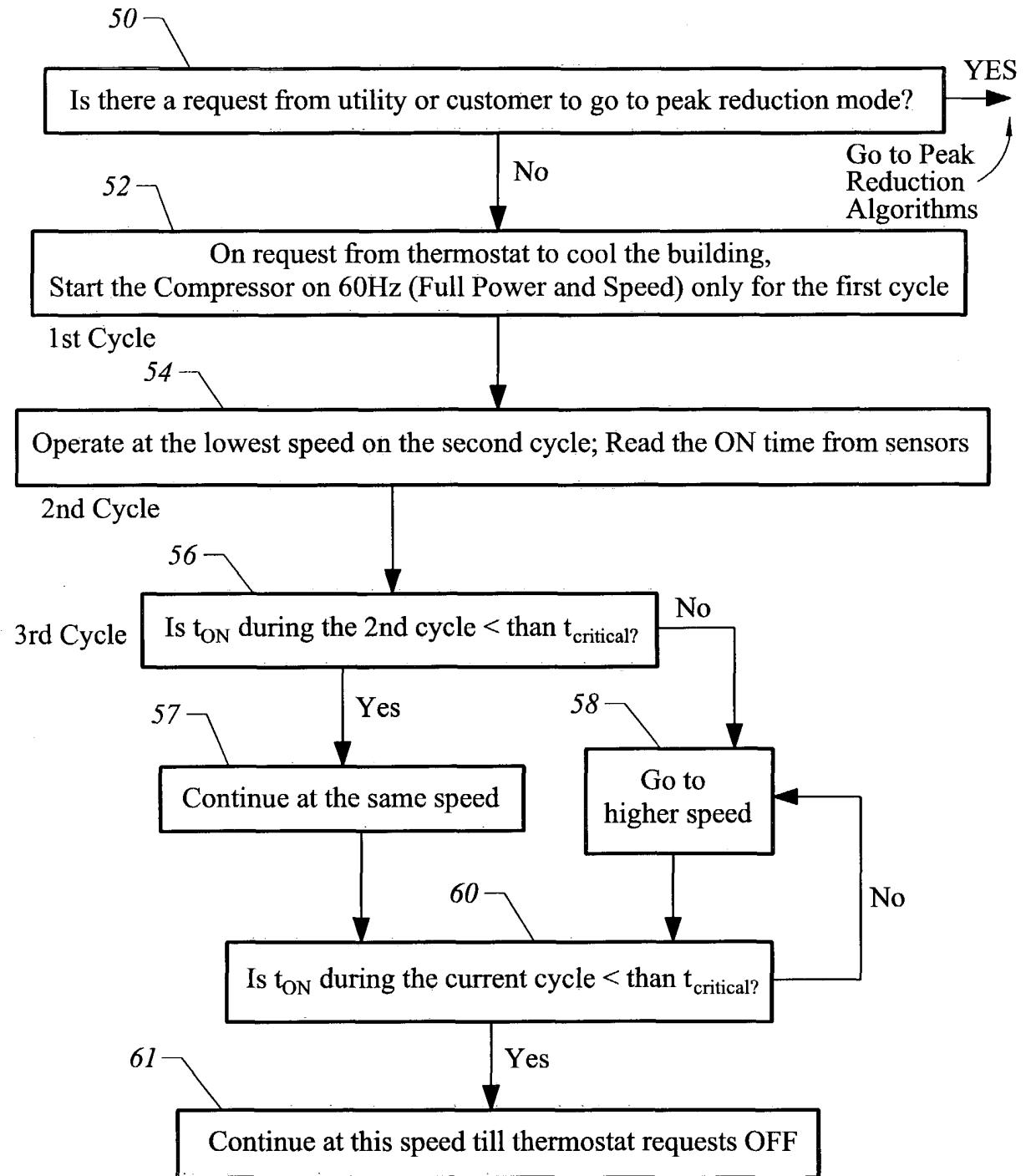


FIG. 7

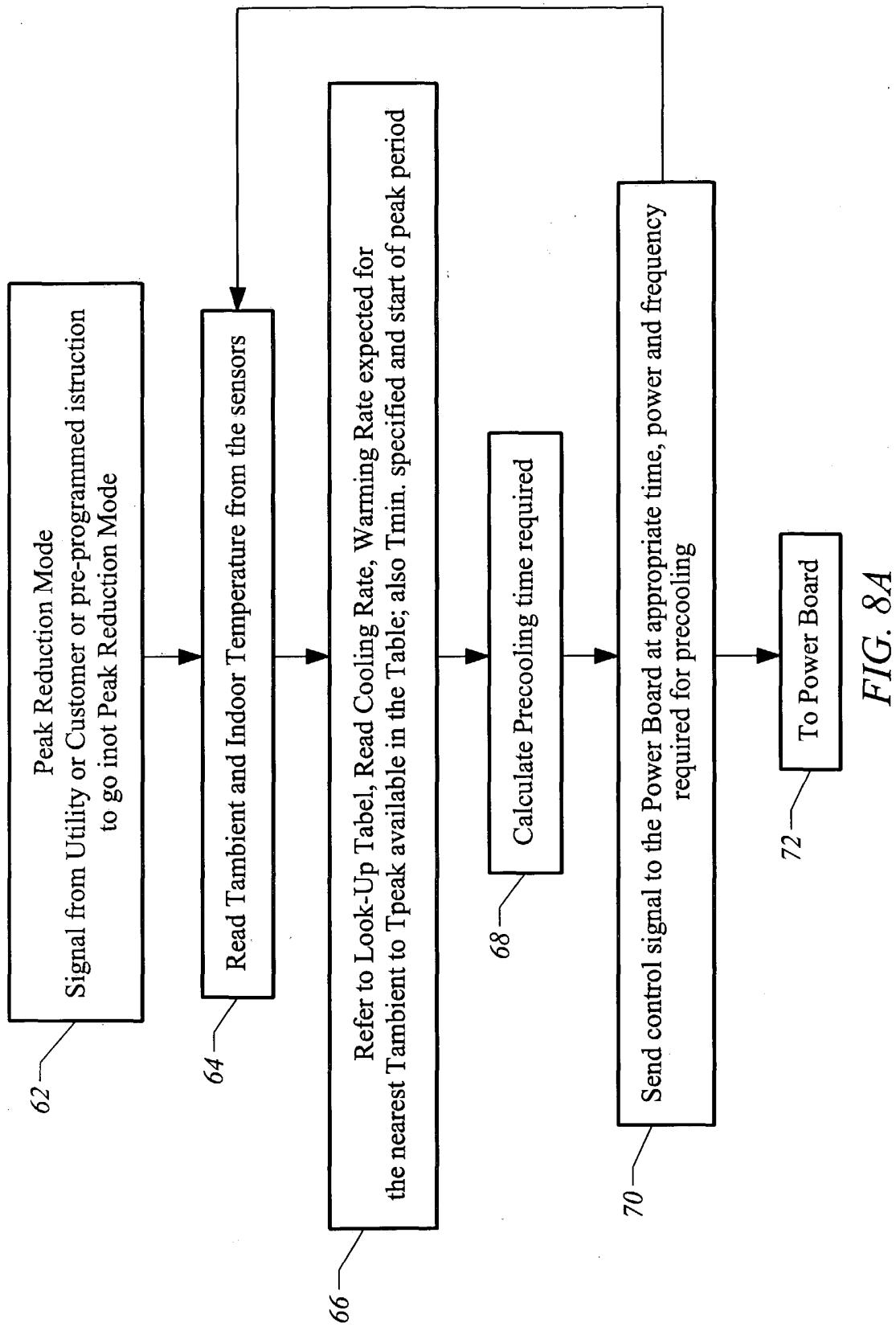


FIG. 8A

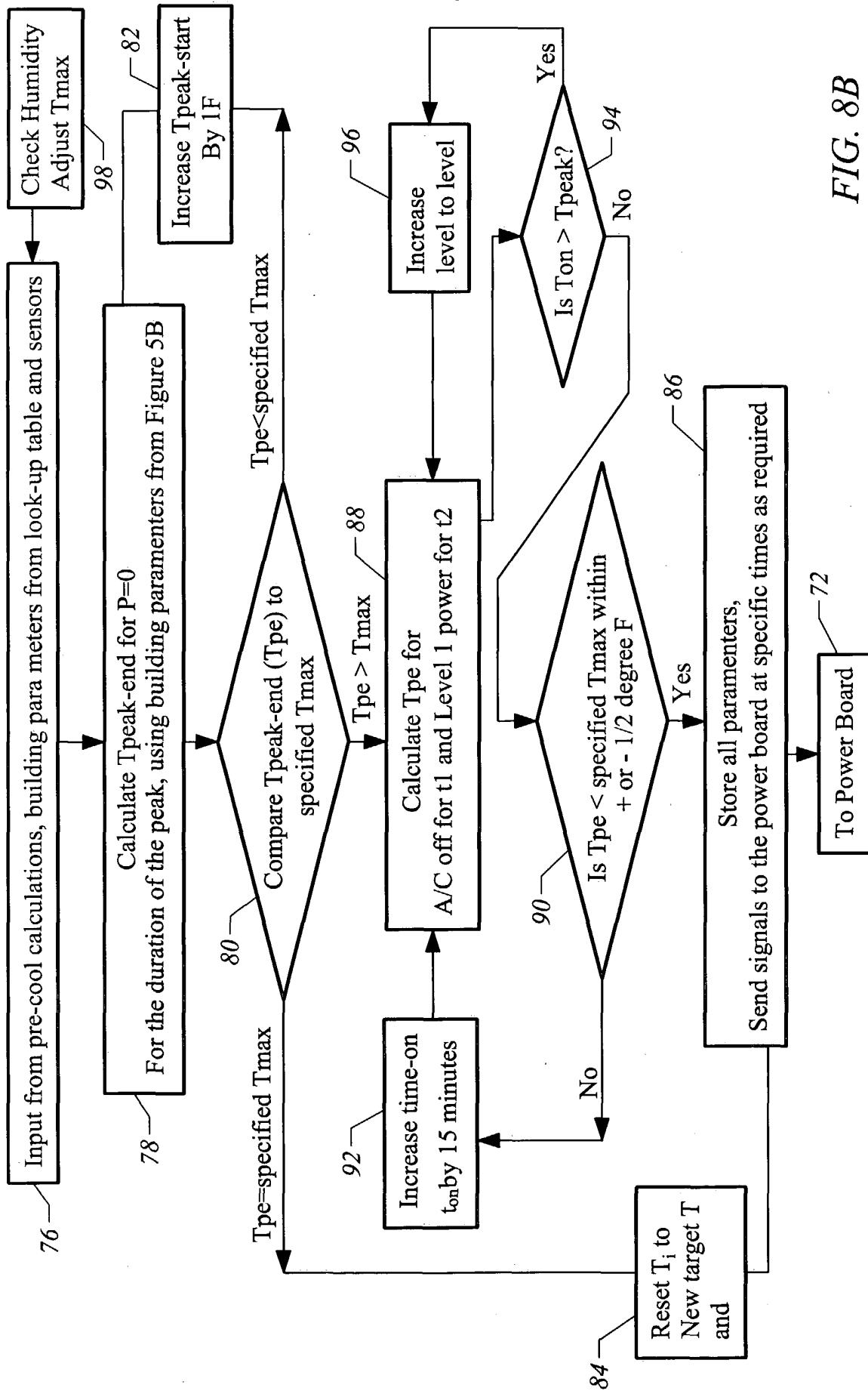


FIG. 8B

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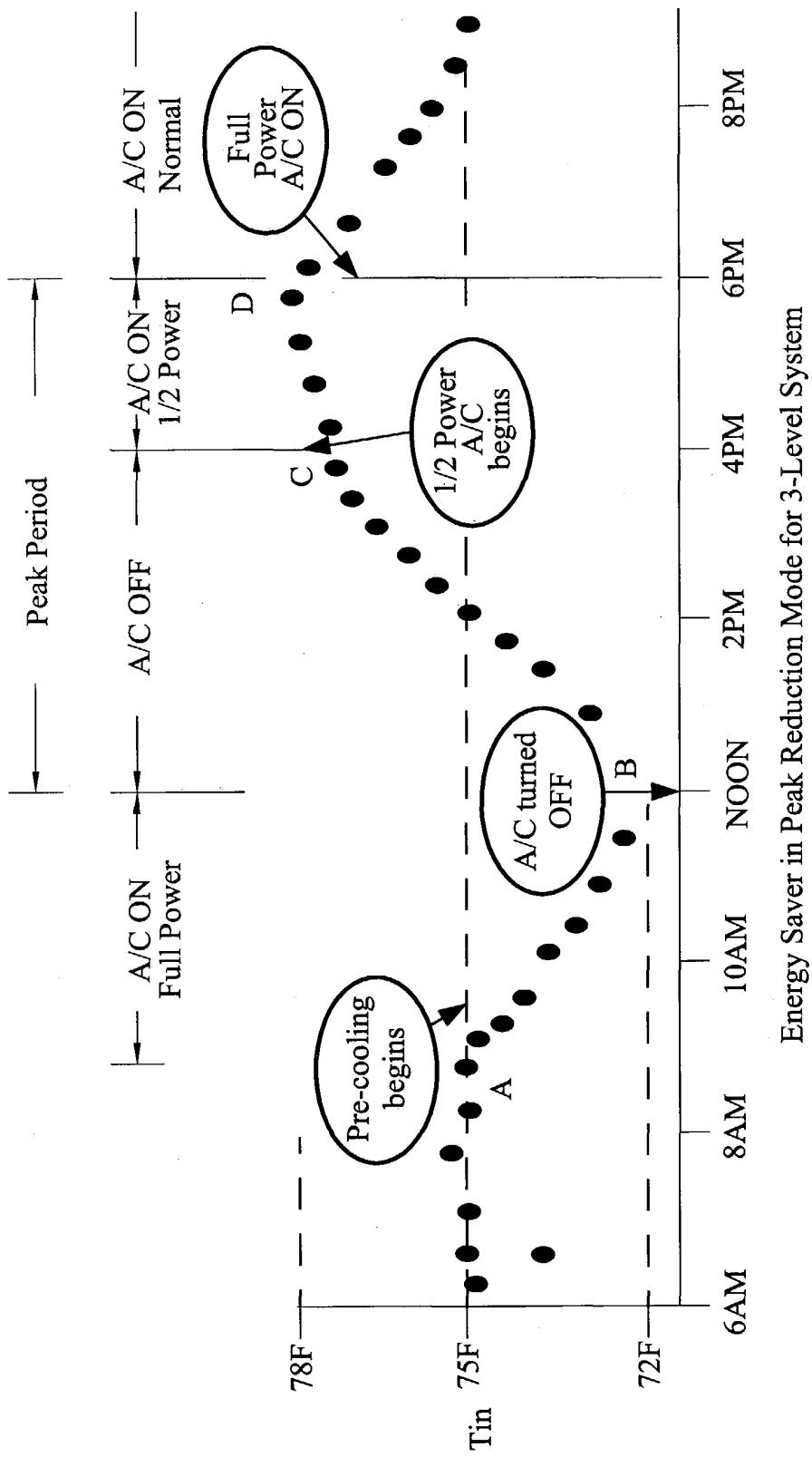


FIG. 9

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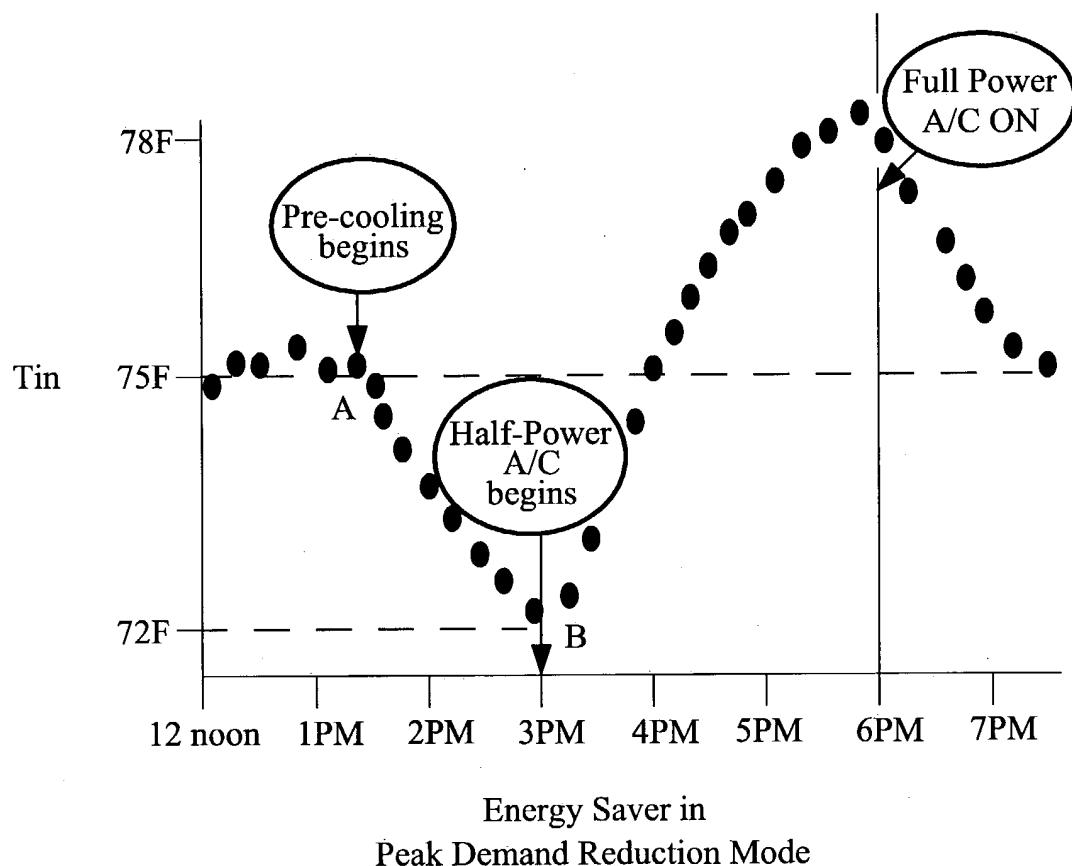
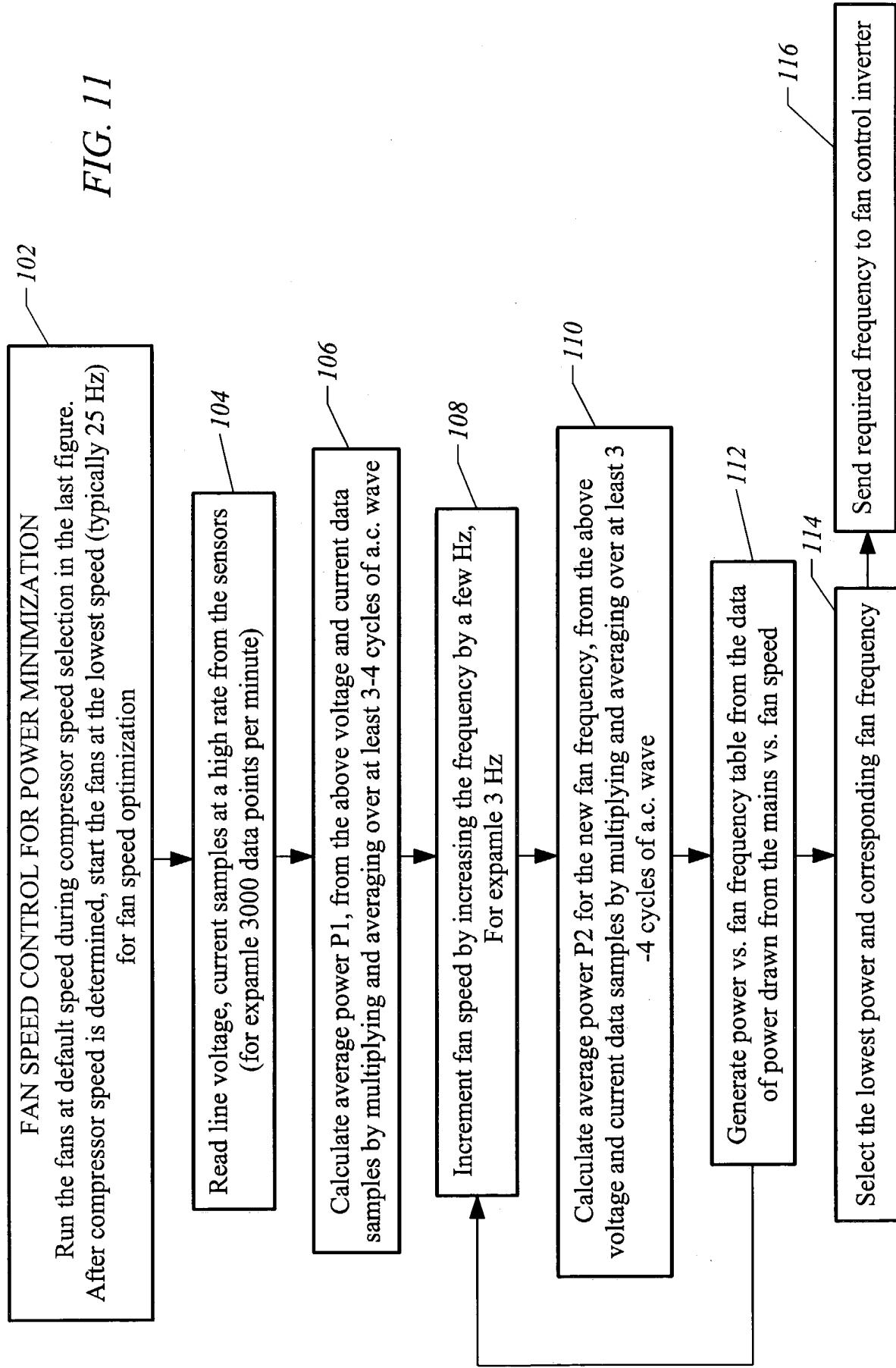


FIG. 10

FIG. 11



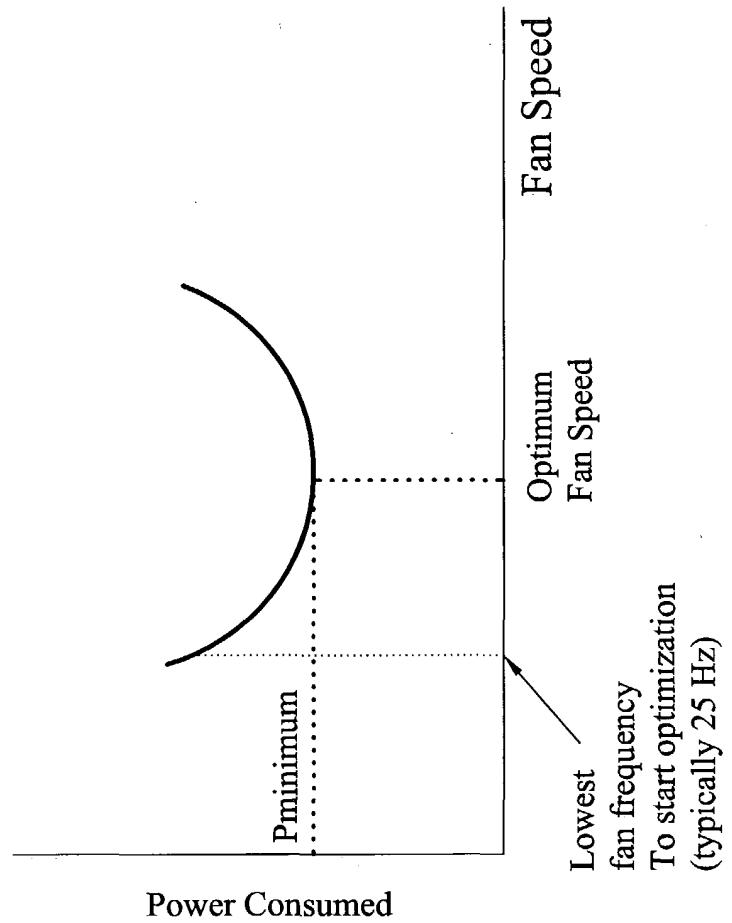


FIG. 12